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Elf Atochem North America, Inc.
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Philadelphia, PA 19103-3222
Tel.: 215.419.7000

8EHQ-1297-14089

December 16, 1997

UPS NEXT DAY DELIVERY



BEHQ-97-14089

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Document Control Office (7407)
Office of Pollution Prevention and Toxics
Environmental Protection Agency
401 M St., S.W.
Washington, D.C. 20460

Subject: TSCA Section 8(e) Submission

Contains No CBI

Dear Sir/Madam:

Elf Atochem North America, Inc. (Elf Atochem) has received preliminary results of an acute toxicity study in *Daphnia magna* and is submitting these results to the Environmental Protection Agency (EPA) pursuant to Toxic Substances Control Act (TSCA) Section 8(e). This study does not involve effects in humans.

This information recently came into our possession via our parent company in France and provides information on dibenzyl disulfide, CAS number 150-60-7. Nothing in this letter is considered confidential business information of Elf Atochem.

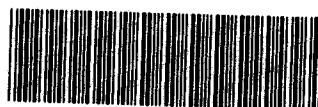
In this study, the 48-hour EC_{50} to *Daphnia magna* was calculated to be 0.04 mg/l with a 95% confidence interval ranging from 0.034 to 0.047 mg/l. The 24-hr EC_{50} to *Daphnia magna* was calculated to be 0.054 mg/l with a 95% confidence interval ranging from 0.041 to 0.094 mg/l. These results will be incorporated into the Elf Atochem Material Safety Data Sheet for the material.

Further questions regarding this submission may be directed to me at (215) 419-5890.

Sincerely,

Debra Randall

Debra Randall, DABT
Product Safety Manager



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ENTRY FORM

CAPNUM	LTR	DATE	CBI	CASNO	CONCERN	AI	SOLUBILITY
14089	a	1297		150607	HIGH	NS	NS

CHEMNAME

Dibenzyl Disulfide

PHYSTATE

NS

ORGANISM

Water flea, Daphnia magna

DURATION

48h

ENDPOINT

EC50

CODE

TOXVALUE

0.04

UNITS

mg/l

MELTINGPT

NS

COMMENTS

24hEC50=.054mg/L